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| DESIGN<br>#      | DRAWN BY<br>CP | <b>DART AEROSPACE LTD</b><br>HAWKESBURY, ONTARIO, CANADA |                        |
| CHECKED<br>#     | APPROVED<br>#  | DRAWING NO.<br>DSI 9238                                  | REV. A<br>SHEET 1 OF 1 |
| DATE<br>02.07.11 |                | TITLE<br>OASYS WEIGHT & BALANCE                          | SCALE<br>NTS           |
| A                | 02.07.11       | NEW ISSUE  |                        |

**DART SERVICE INSTRUCTION**  
**TO AMEND INSTALLATION INSTRUCTIONS IIN-D212-401 REV. A**  
REF. CANADIAN LSTC: 0-LSH02-046

THE WEIGHT AND BALANCE OF IIN-D212-401 REV. A IS REPLACED WITH THE FOLLOWING TABLE. THE TABLE BELOW ADDS THE WEIGHTS OF THE DART D412-401-013 KIT THAT REMAIN WITH THE AIRCRAFT WHEN THE OASYS RADAR UNIT IS REMOVED, AS WELL AS THAT WHICH REMAIN WITH THE OASYS RADAR UNIT.

| Installation                                 | Weight  | LATERAL |           | LONGITUDINAL |             |
|--|---------|---------|-----------|--------------|-------------|
|  |         | Arm     | Moment    | Arm          | Moment      |
| D412-401-013                                 | 4.9 lb  | 0.0 in  | 0.0 lb-kG | -10.1 in     | -49.5 in-lb |
| Hardware that remains on Aircraft            | 2.22 kg | 0.0 m   | 0.0 m-kG  | -0.256 m     | -0.57 m-kG  |
| D412-401-013                                 | 4.3 lb  | 0.0 in  | 0.0 lb-kG | -10.1 in     | -43.4 in-lb |
| Hardware that stays with Oasys Radar Unit    | 1.95 kg | 0.0 m   | 0.0 m-kG  | -0.256 m     | -0.50 m-kG  |
| D412-401-013                                 | 9.2 lb  | 0.0 in  | 0.0 lb-kG | -10.1 in     | -92.9 in-lb |
| Radome Compatible OASYS Mounting Kit (total) | 4.17 kg | 0.0 m   | 0.0 m-kG  | -0.256 m     | -1.07 m-kG  |
| Oasys Radar Unit (REF)                       | 54.0 lb | 0.0 in  | 0.0 lb-kG | -10.9 in     | -589 in-lb  |
|  | 24.5 kg | 0.0 m   | 0.0 m-kG  | -0.277 m     | -6.79 m-kG  |

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|--|---|
| CANADA<br>DEPARTMENT OF TRANSPORT<br>AIRCRAFT CERTIFICATION<br>BRANCH<br>DAO # 01-O-01 |   |
| <b>APPROVED</b>  |   |
| BY:  |  |
| D. SHEPHERD (DE # 02)  |   |
| DATE:  | 02.07.11  |
| CERT. NO.:   | O-LSH02-046   |
| ISSUE NO.:   | 1   |

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